

FIG. 1

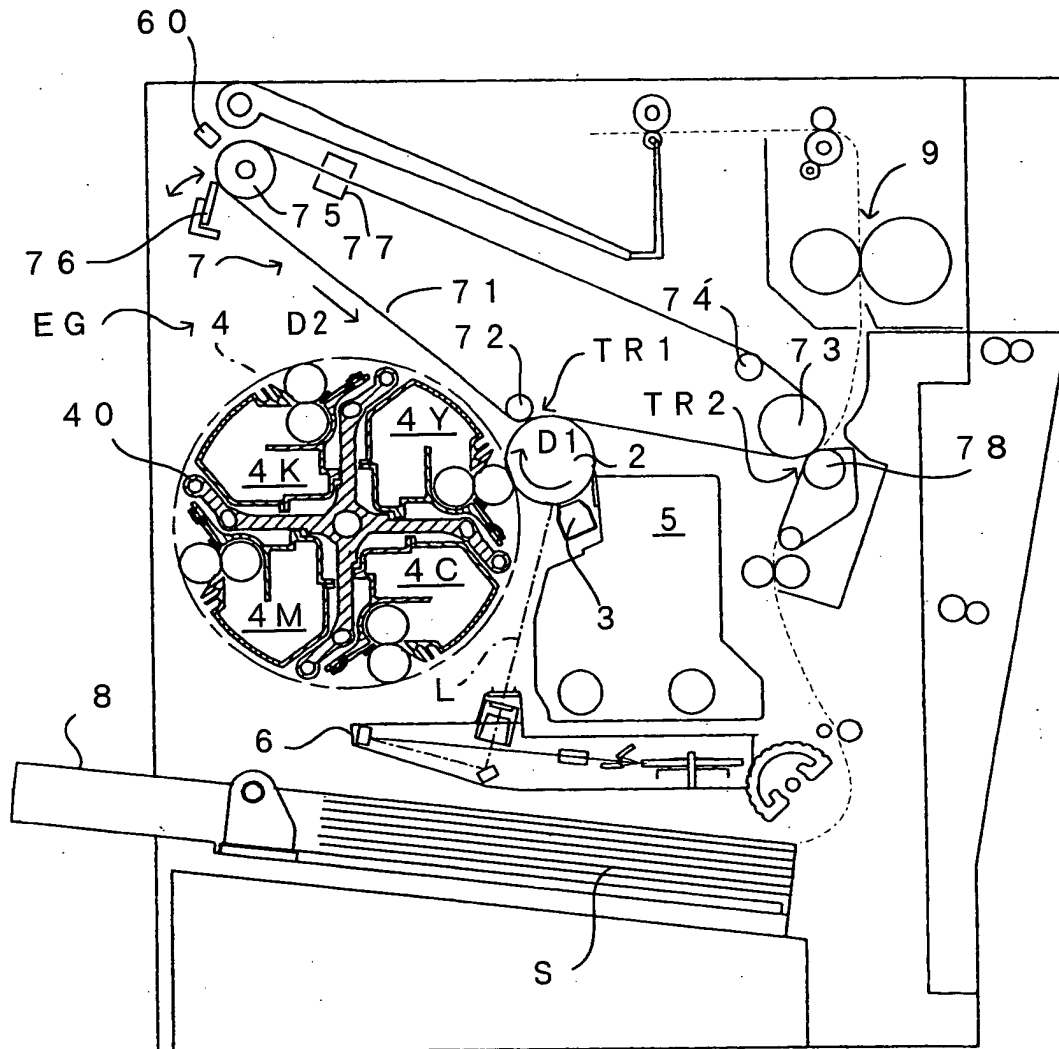


FIG. 2

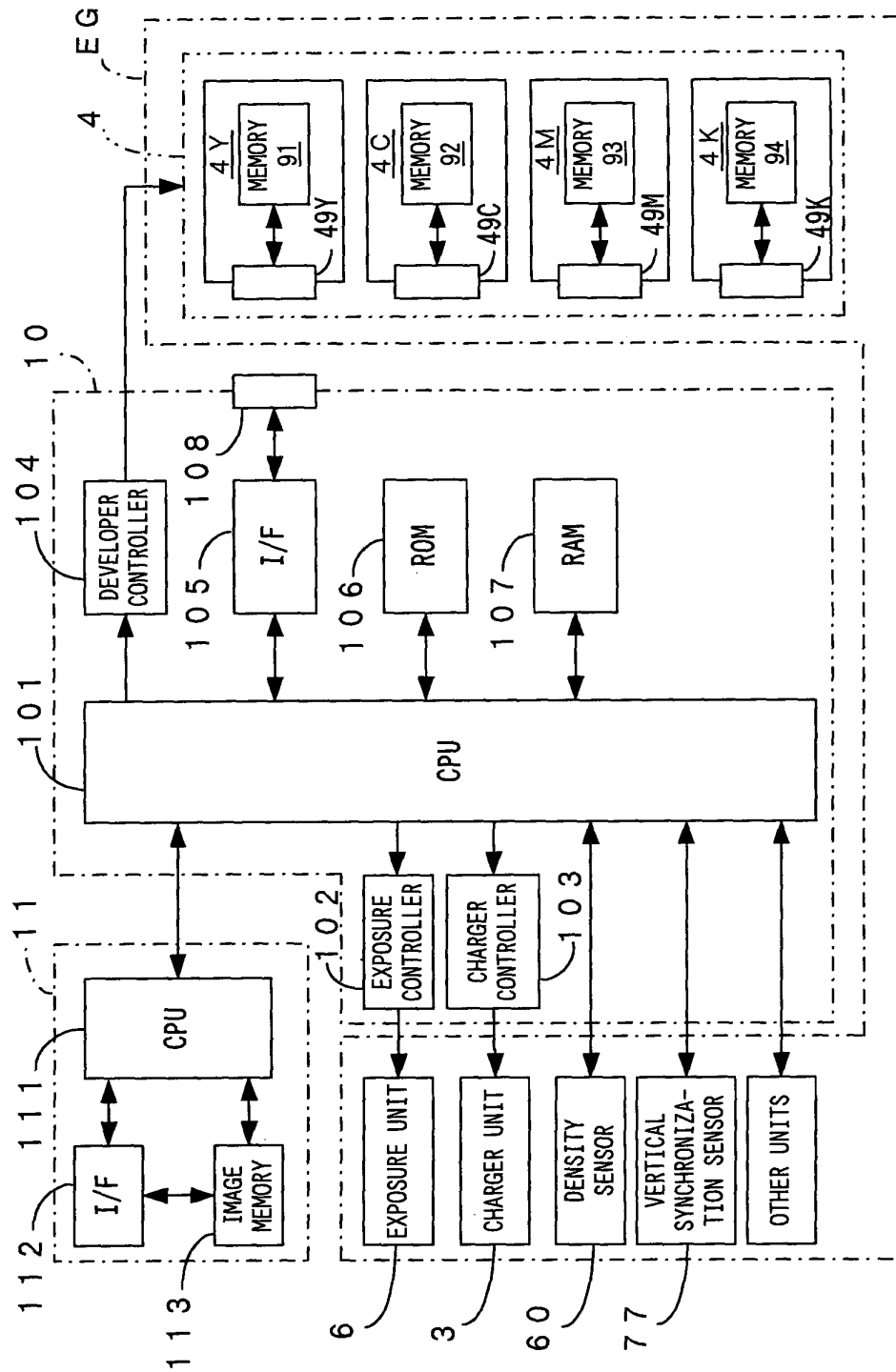


FIG. 3

4 K (4 C, 4 M, 4 Y)

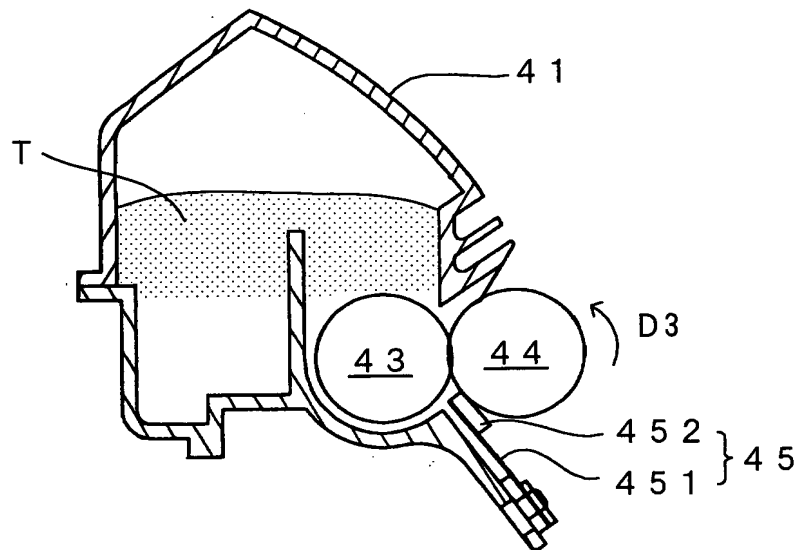




FIG. 5

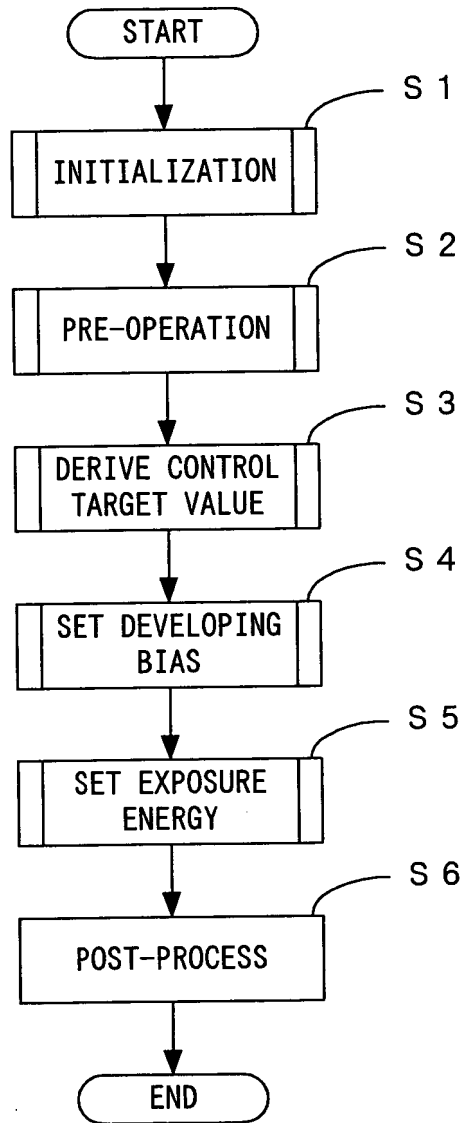


FIG. 6

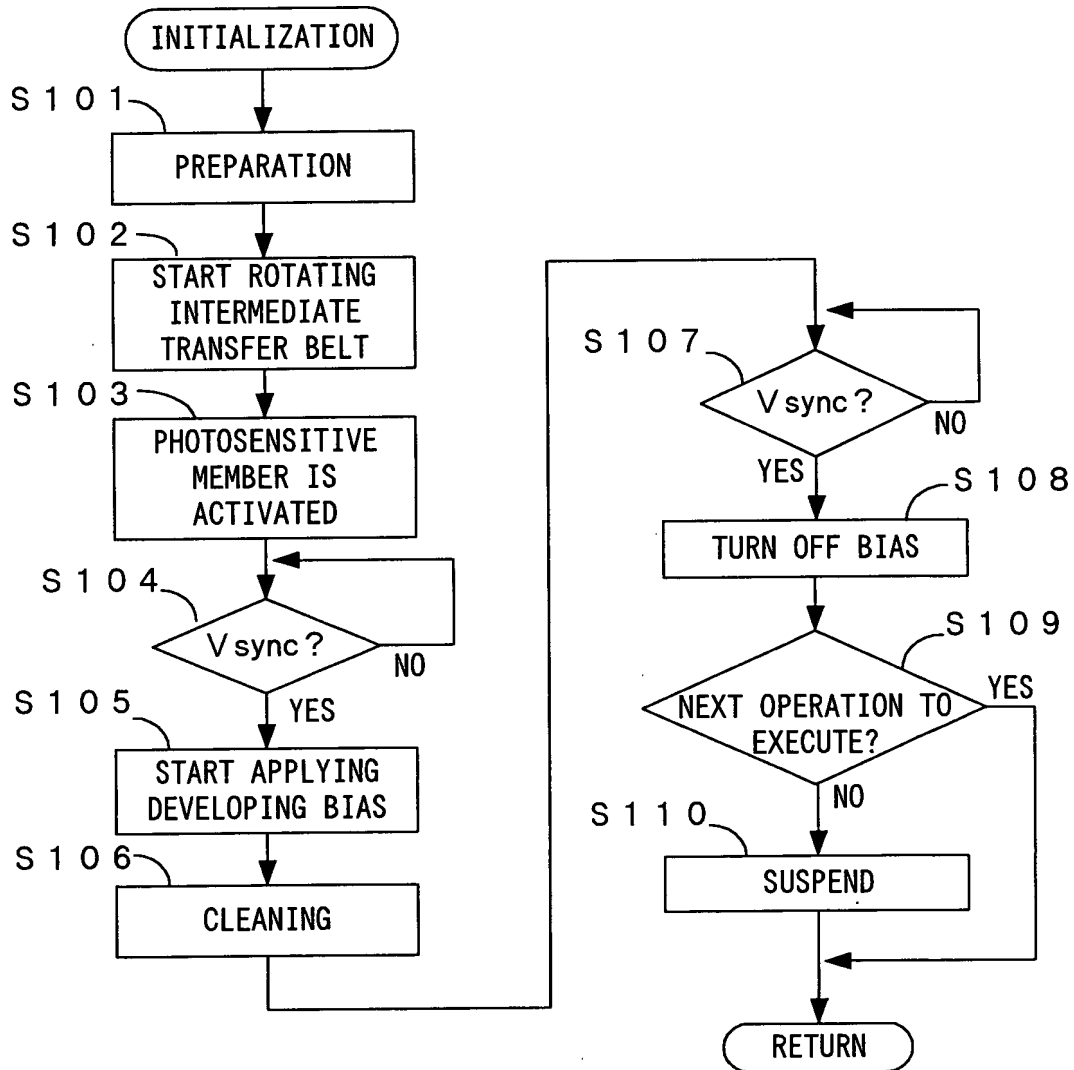


FIG. 7

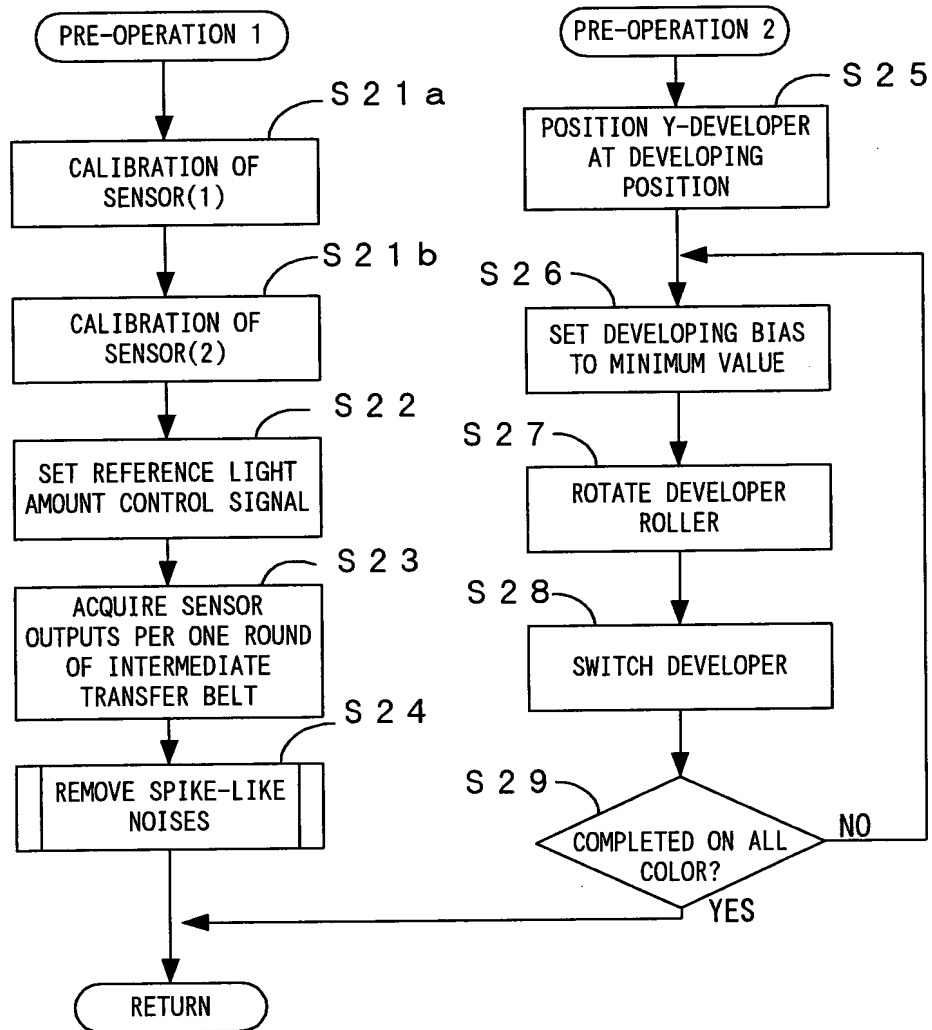


FIG. 8A

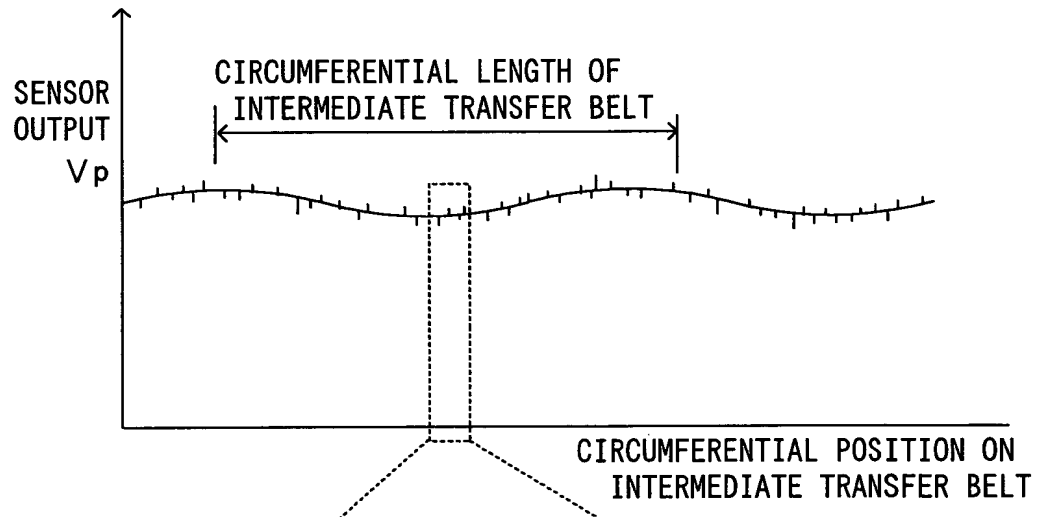


FIG. 8B

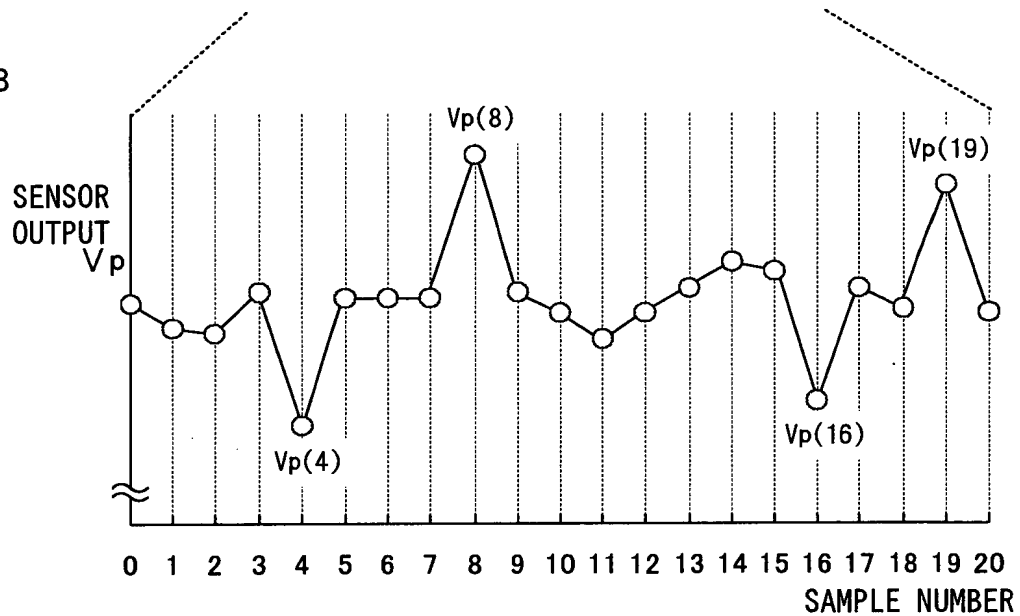




FIG. 9

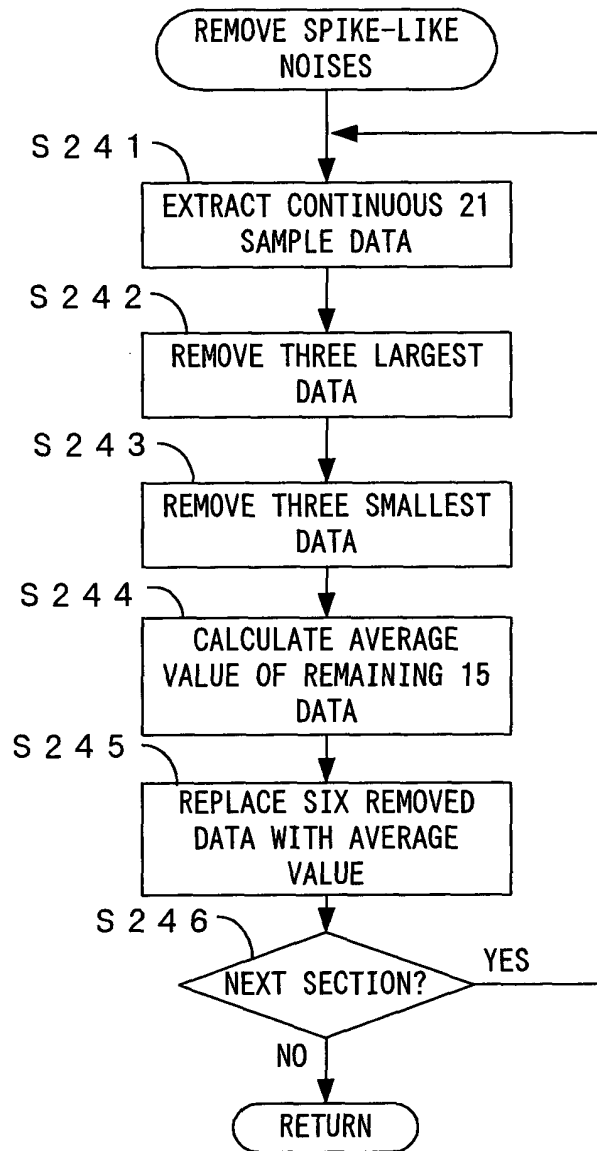


FIG. 10

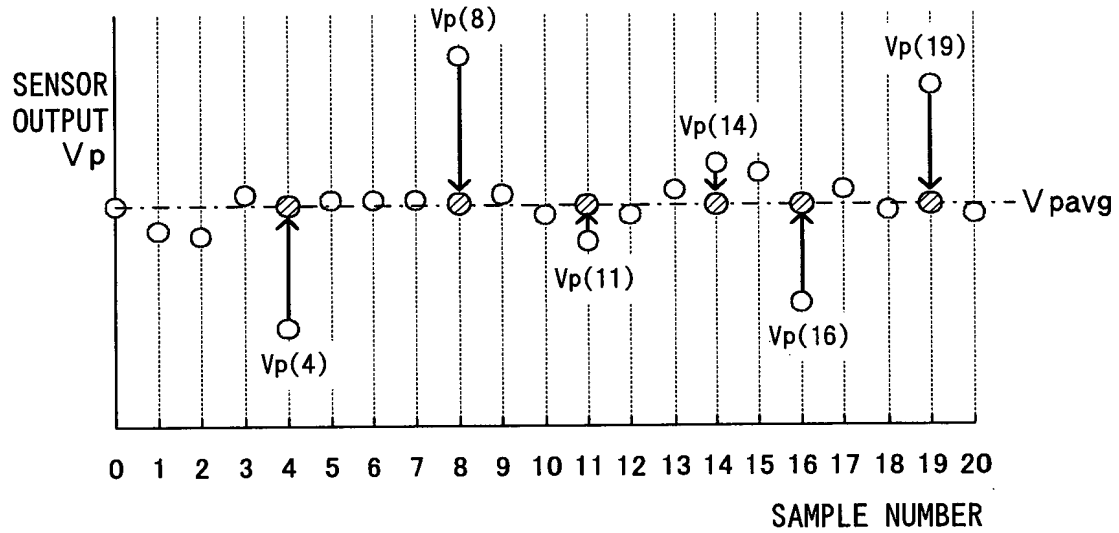


FIG. 11A

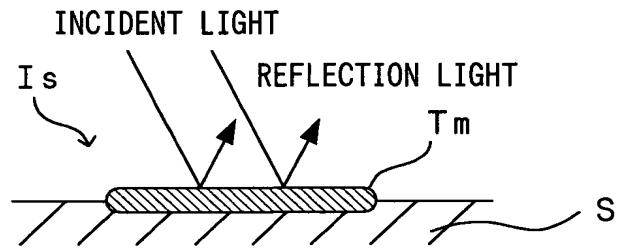


FIG. 11B

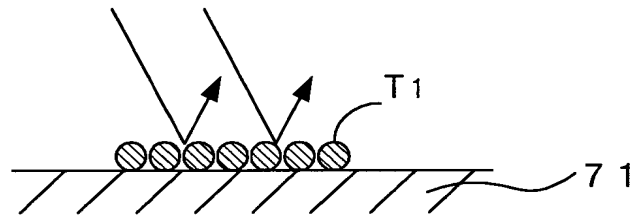


FIG. 11C

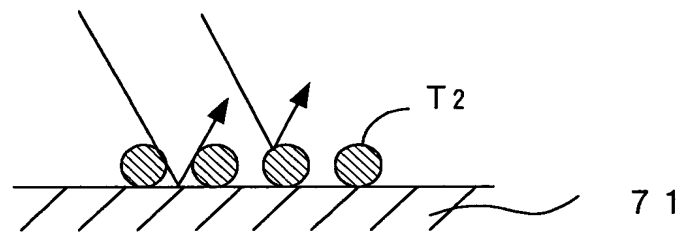


FIG. 12A

DISTRIBUTION OF PARTICLE DIAMETER

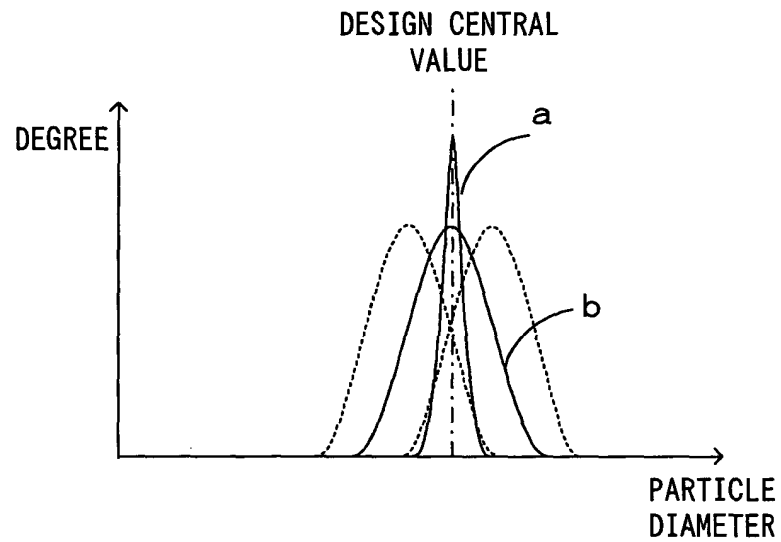


FIG. 12B

CHANGE IN OD VALUE

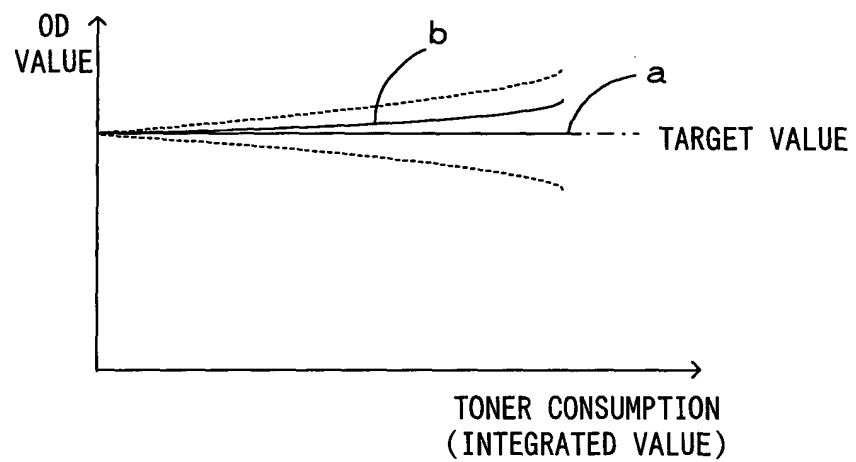


FIG. 13

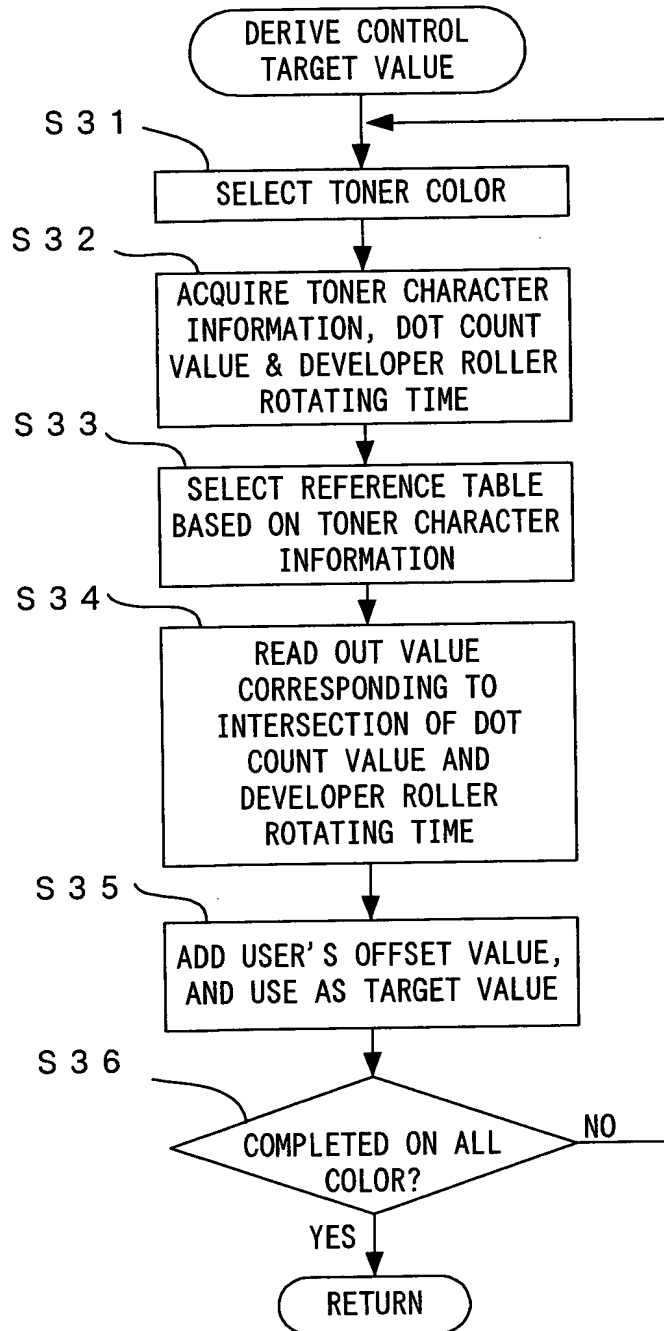


FIG. 14A HIGH-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION ="0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.990	0.988	0.984	0.982
	~2000000	0.988	0.984	0.982	0.982
	~6666666	0.984	0.982	0.982	0.982
	~12000000	0.982	0.982	0.982	0.982

FIG. 14B LOW-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION ="0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.185	0.182	0.181	0.180
	~2000000	0.182	0.181	0.180	0.180
	~6666666	0.181	0.180	0.180	0.180
	~12000000	0.180	0.180	0.180	0.180

FIG. 15

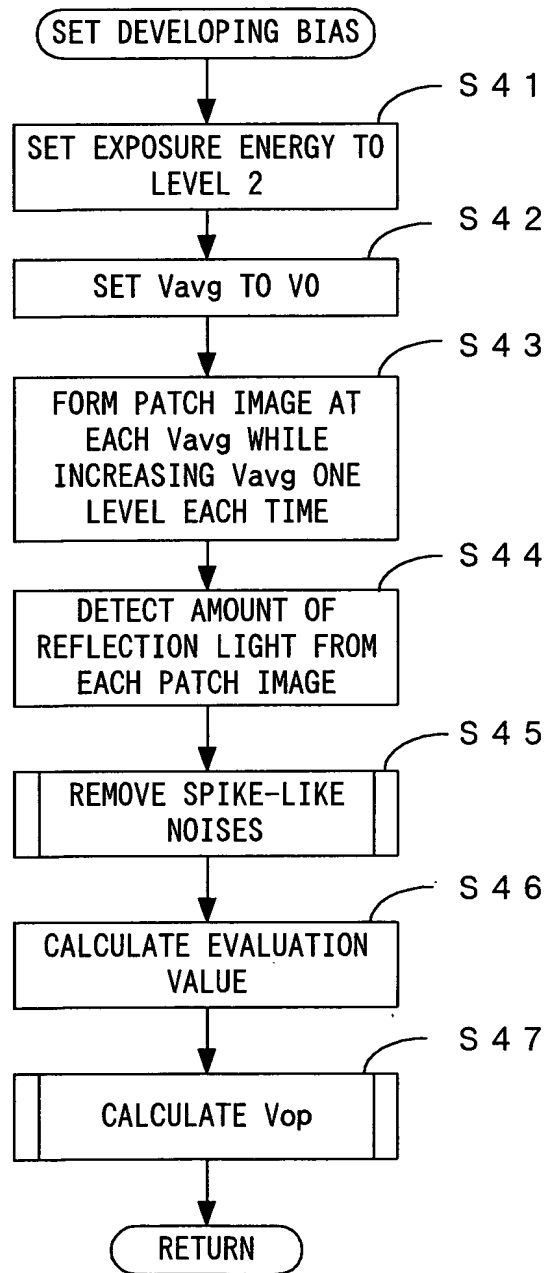


FIG. 16

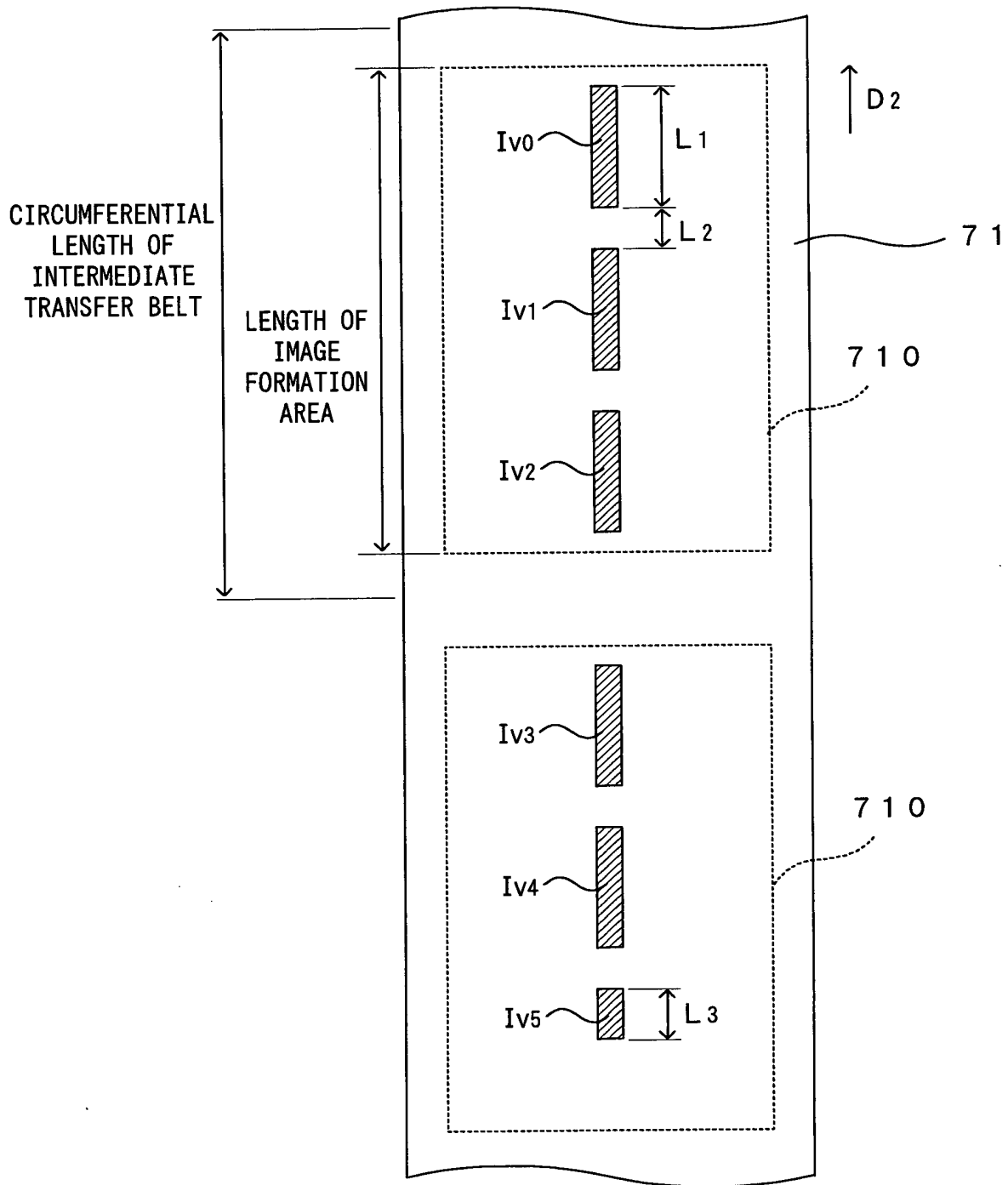




FIG. 17A

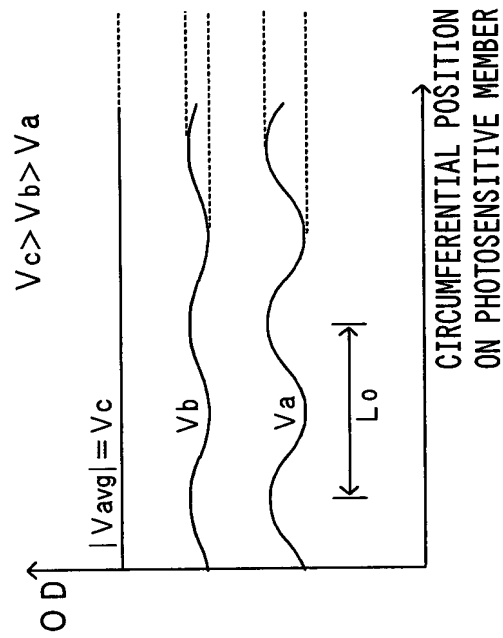


FIG. 17B

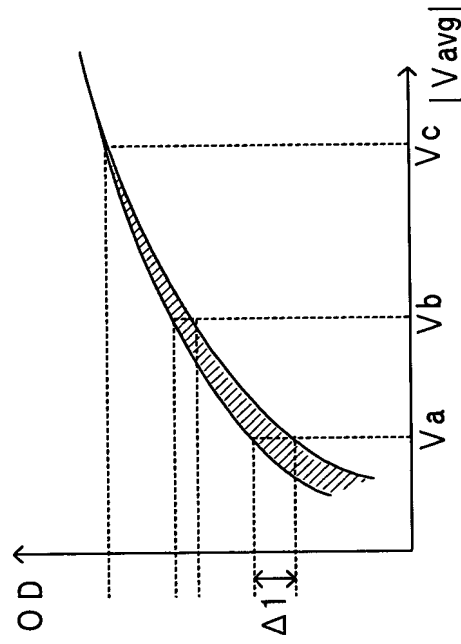


FIG. 18

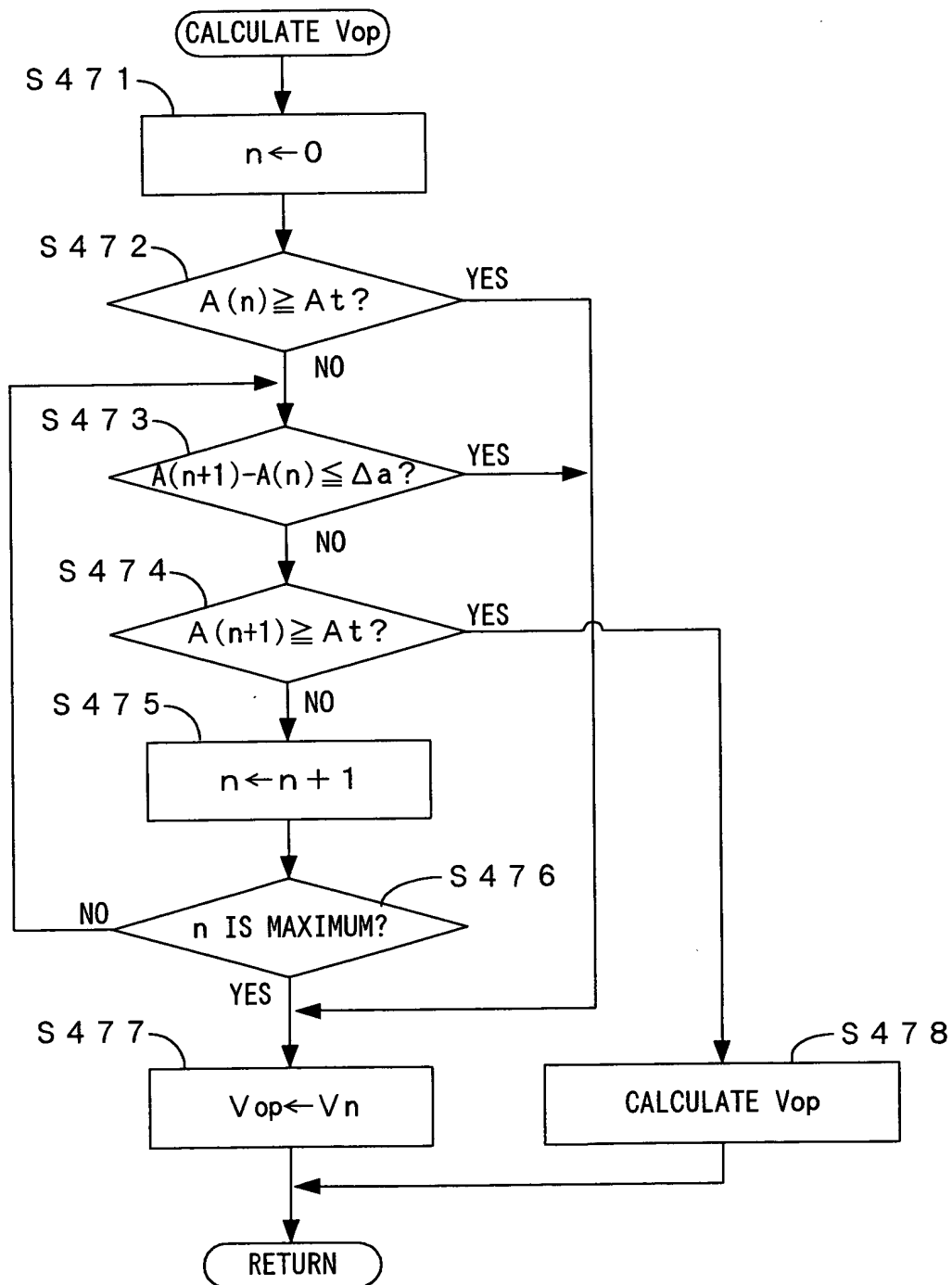


FIG. 19

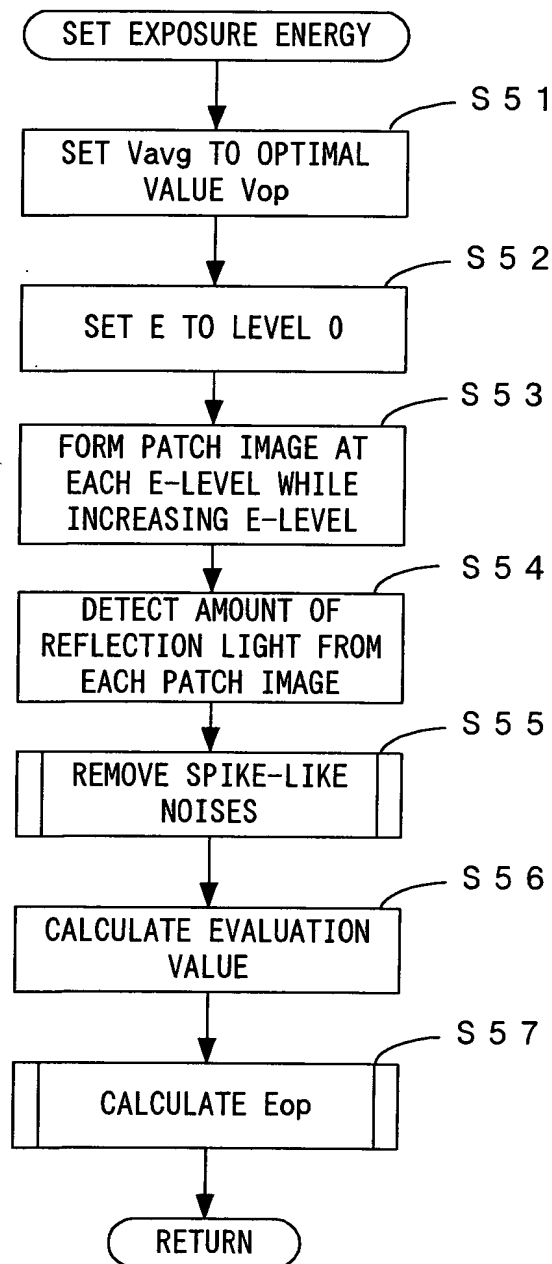


FIG. 20

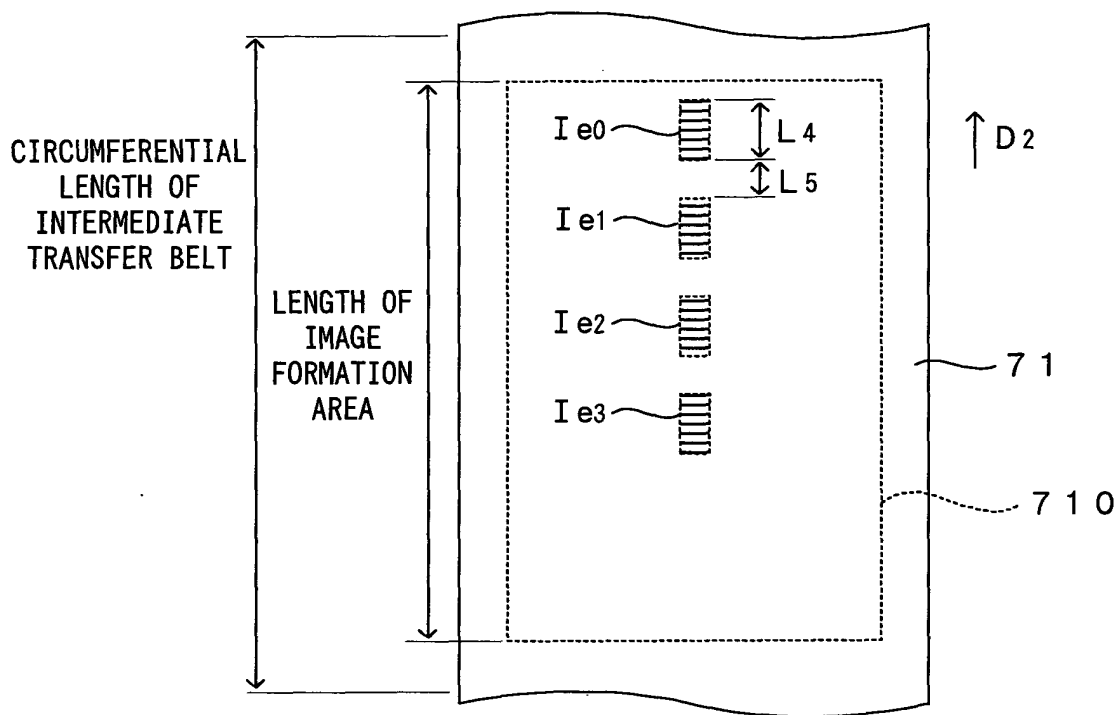


FIG. 21

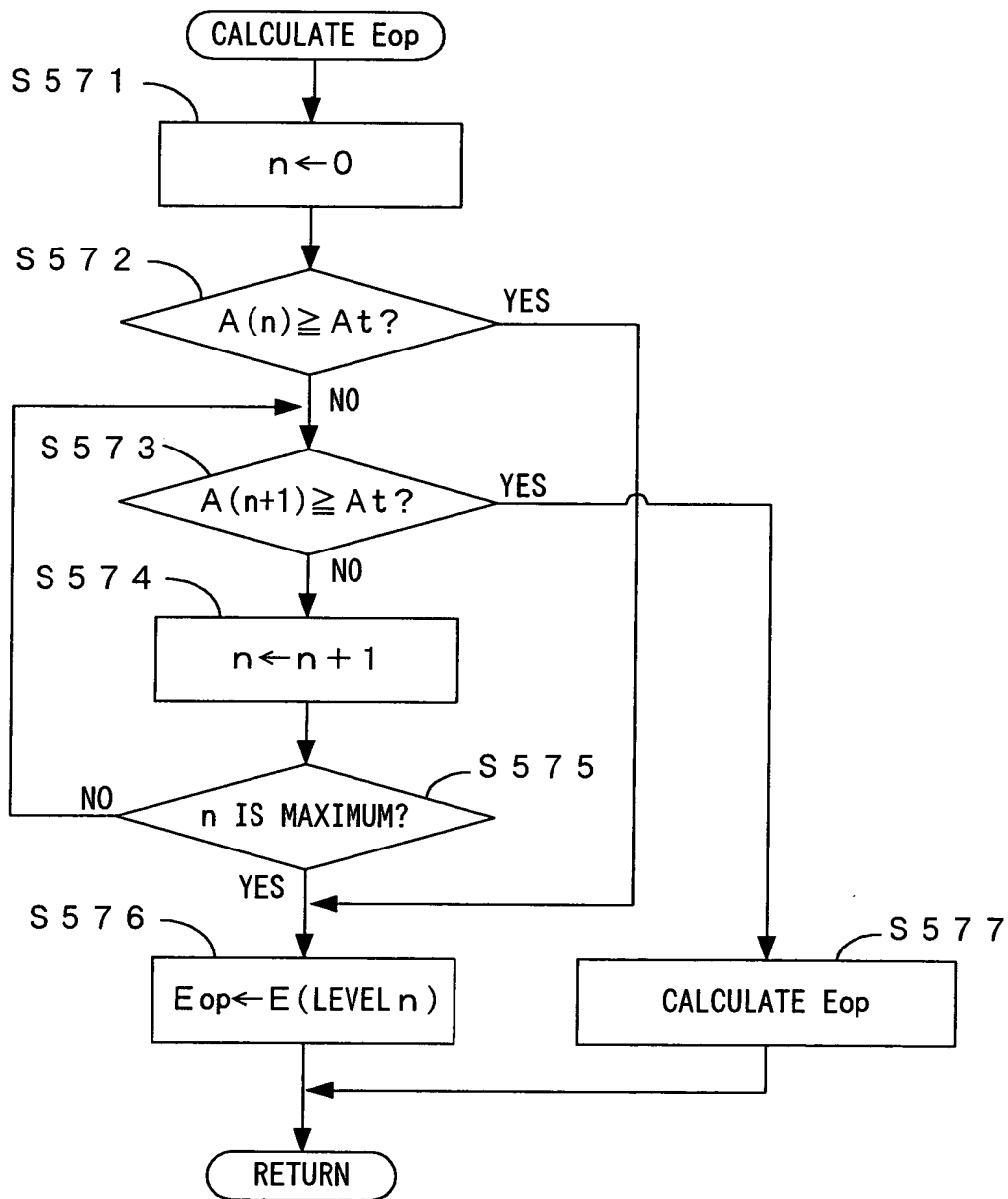


FIG. 22

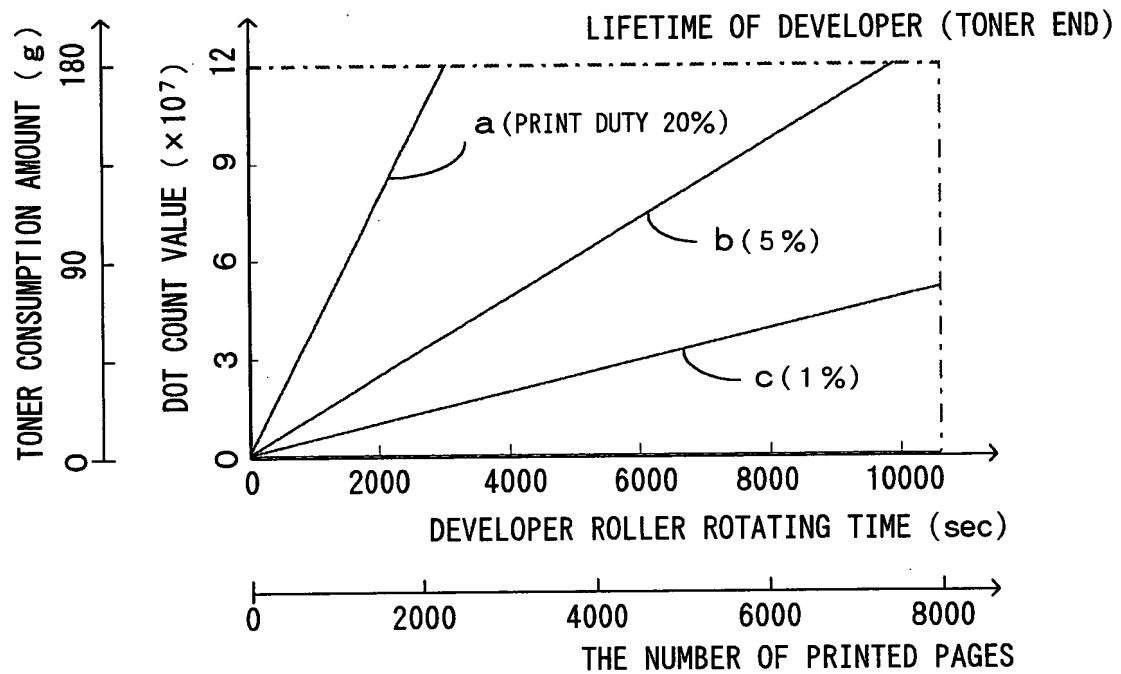


FIG. 23

OD VALUE ON SHEET

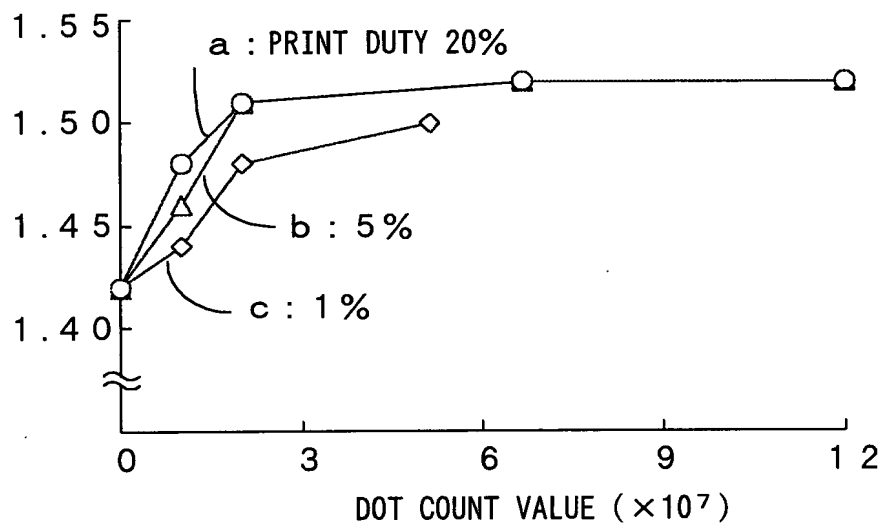


FIG. 24

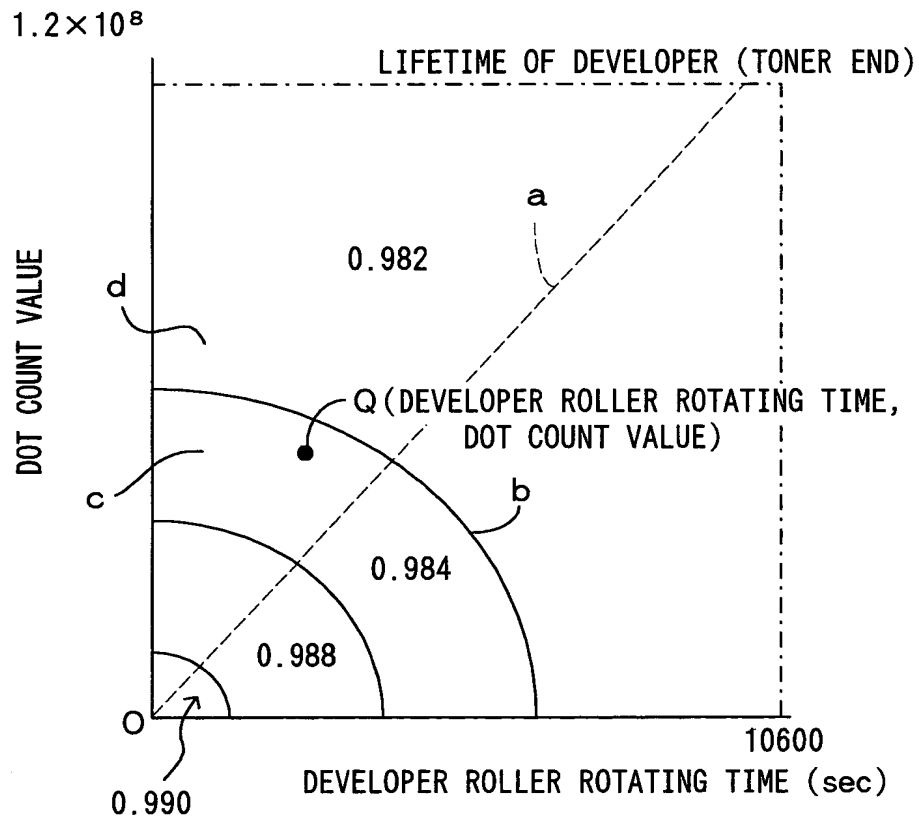




FIG. 25

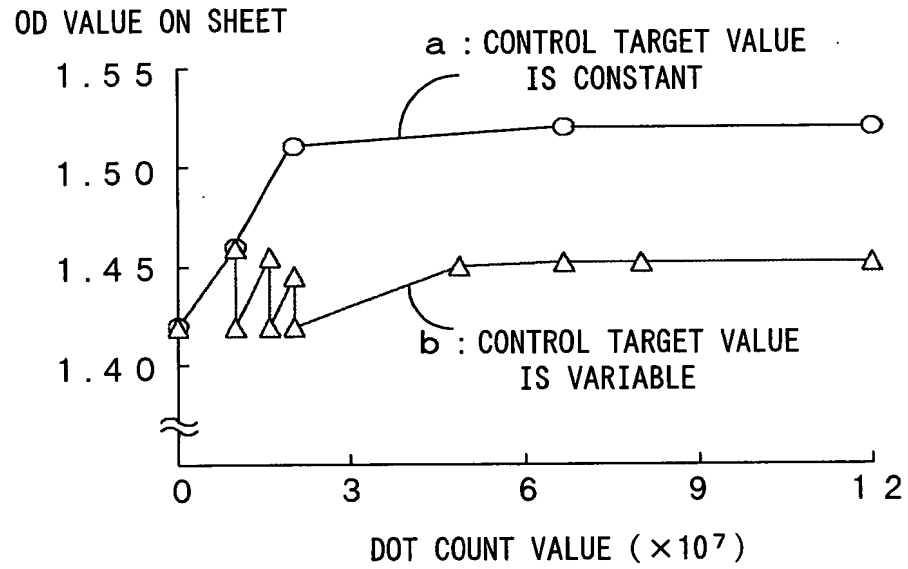


FIG. 26

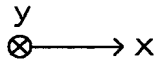


FIG. 27

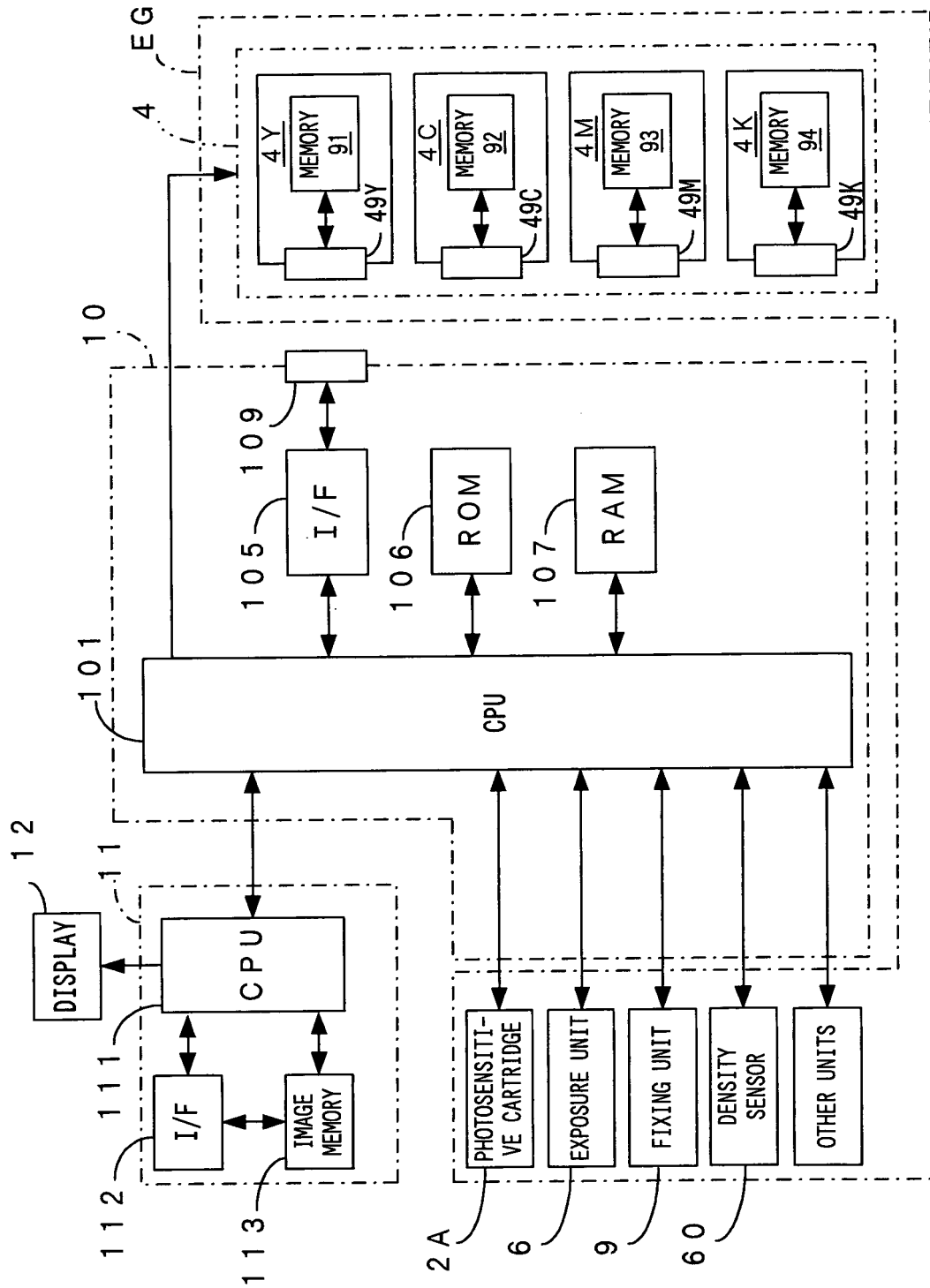


FIG. 28

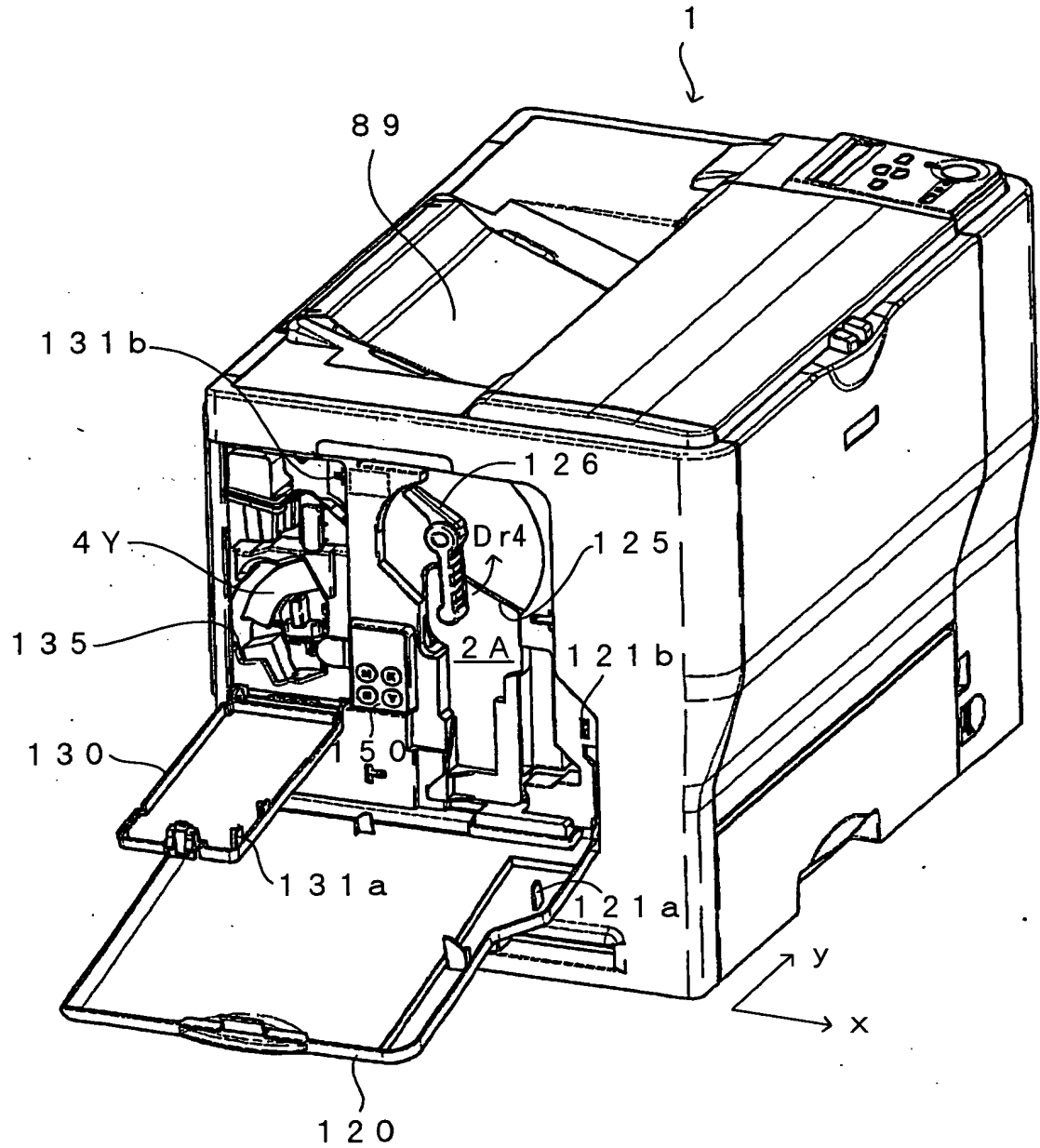


FIG. 29

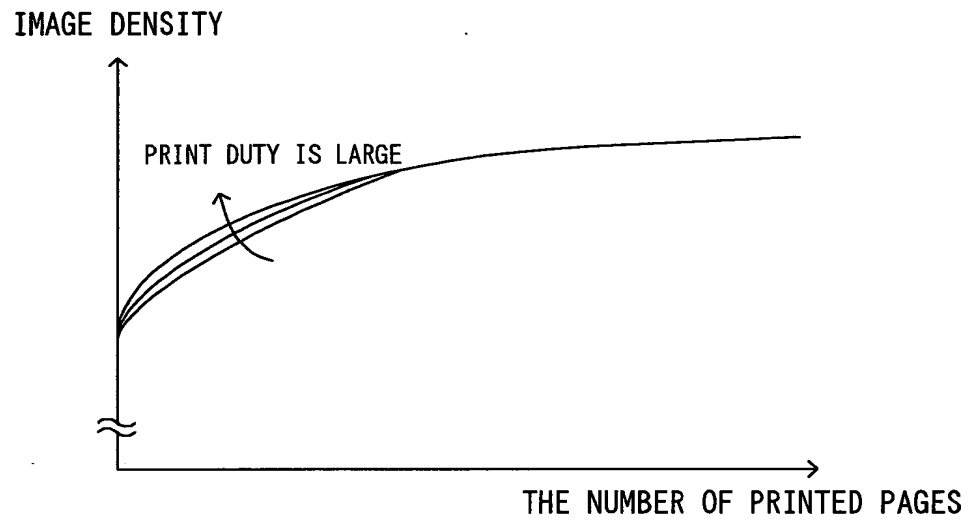


FIG. 30

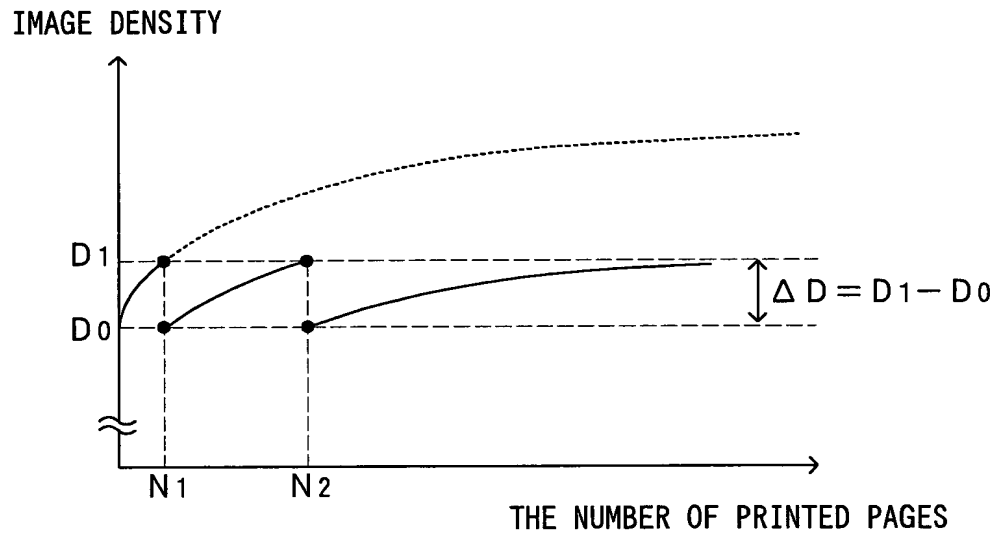


FIG. 31

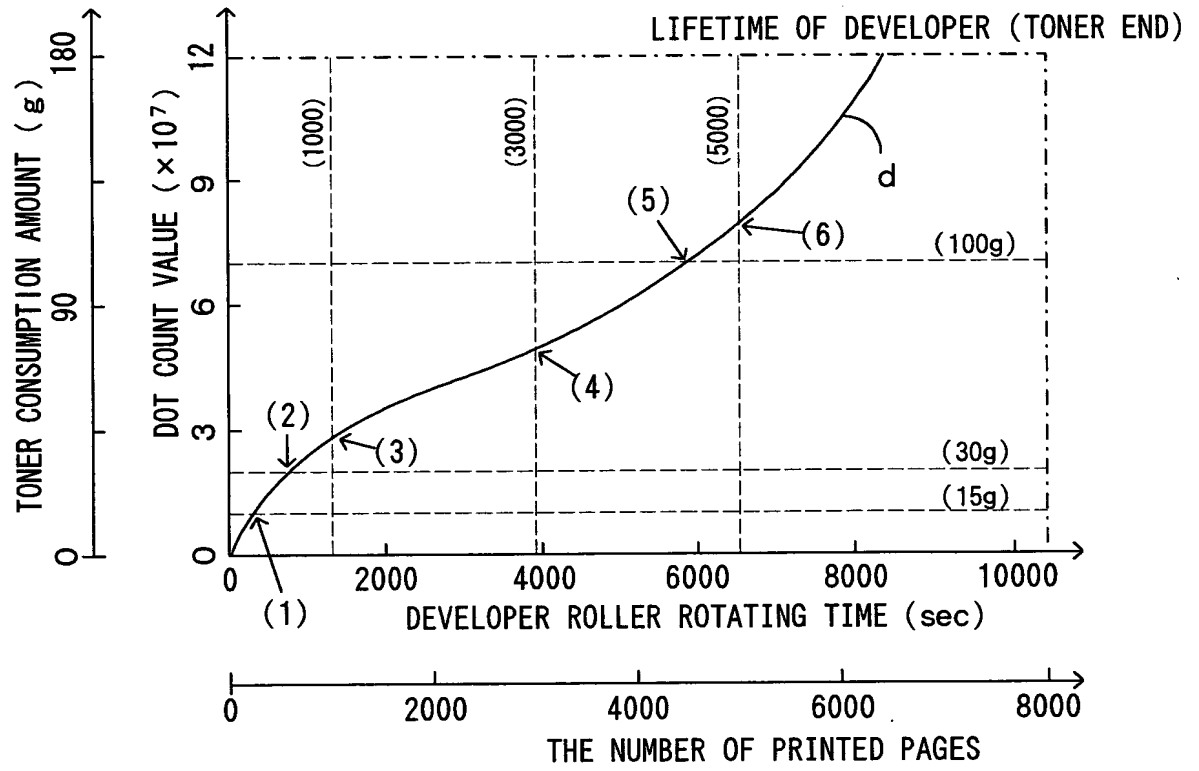


FIG. 32

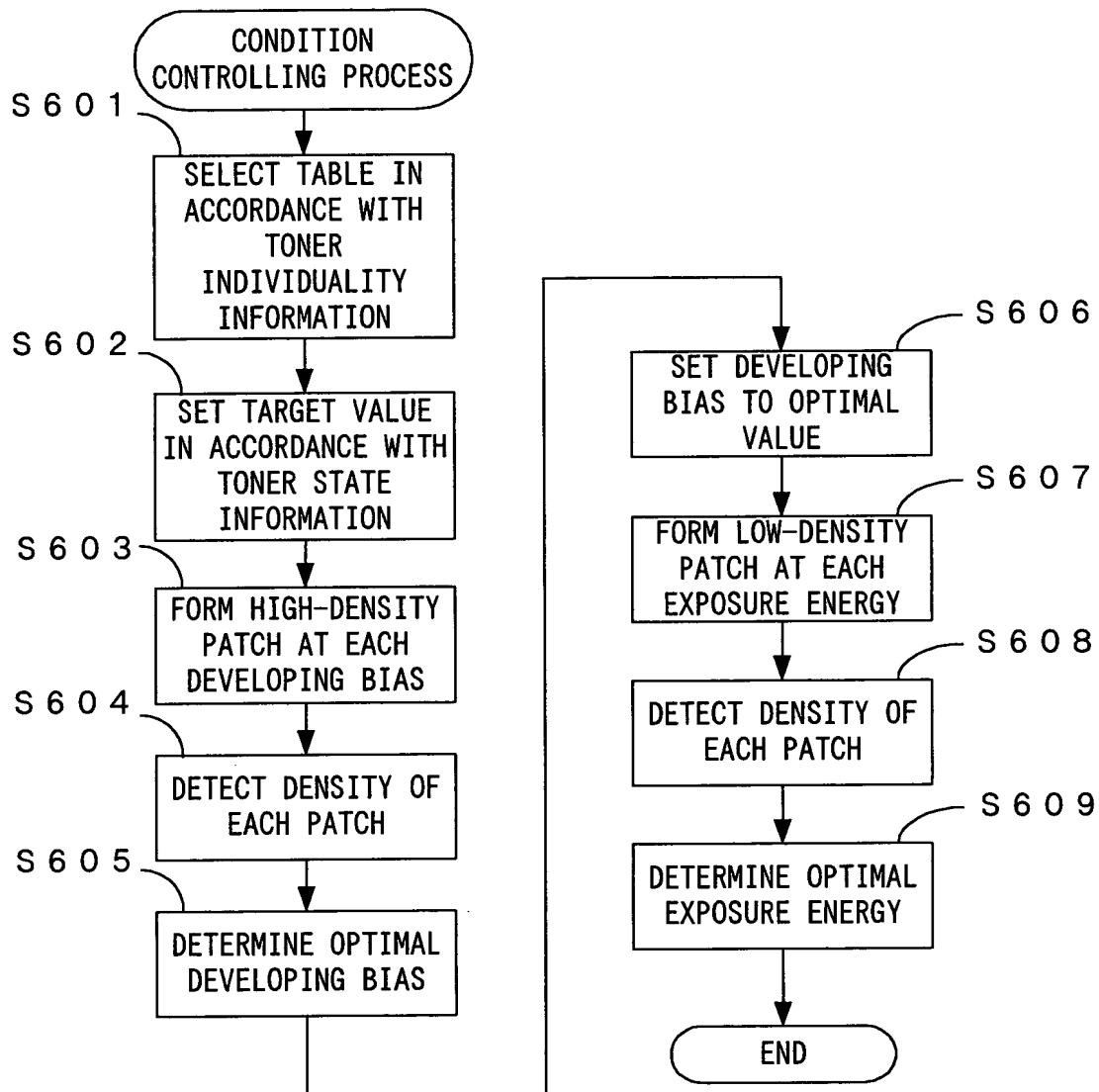




FIG. 33A: HIGH-DENSITY PATCH IMAGE

TONER INDIVIDUALITY INFORMATION ="O"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
D O T  C O U N T  V A L U E	~1000000	0.990	0.988	0.984	0.982
	~2000000	0.988	0.984	0.982	0.982
	~6666666	0.984	0.982	0.982	0.982
	~12000000	0.982	0.982	0.982	0.982

FIG. 33B: LOW-DENSITY PATCH IMAGE

TONER INDIVIDUALITY INFORMATION ="O"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
D O T  C O U N T  V A L U E	~1000000	0.185	0.182	0.181	0.180
	~2000000	0.182	0.181	0.180	0.180
	~6666666	0.181	0.180	0.180	0.180
	~12000000	0.180	0.180	0.180	0.180

FIG. 34

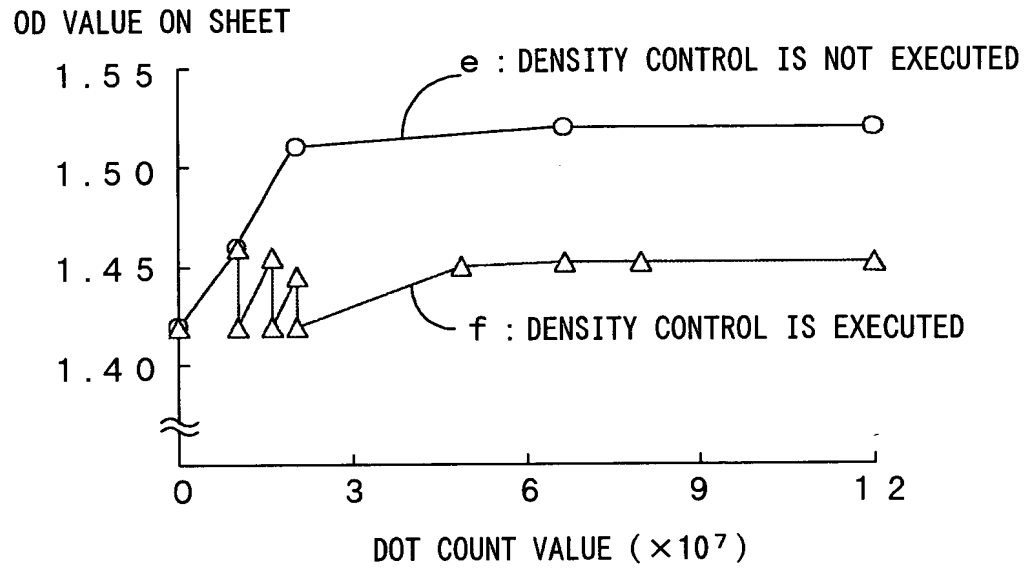


FIG. 35

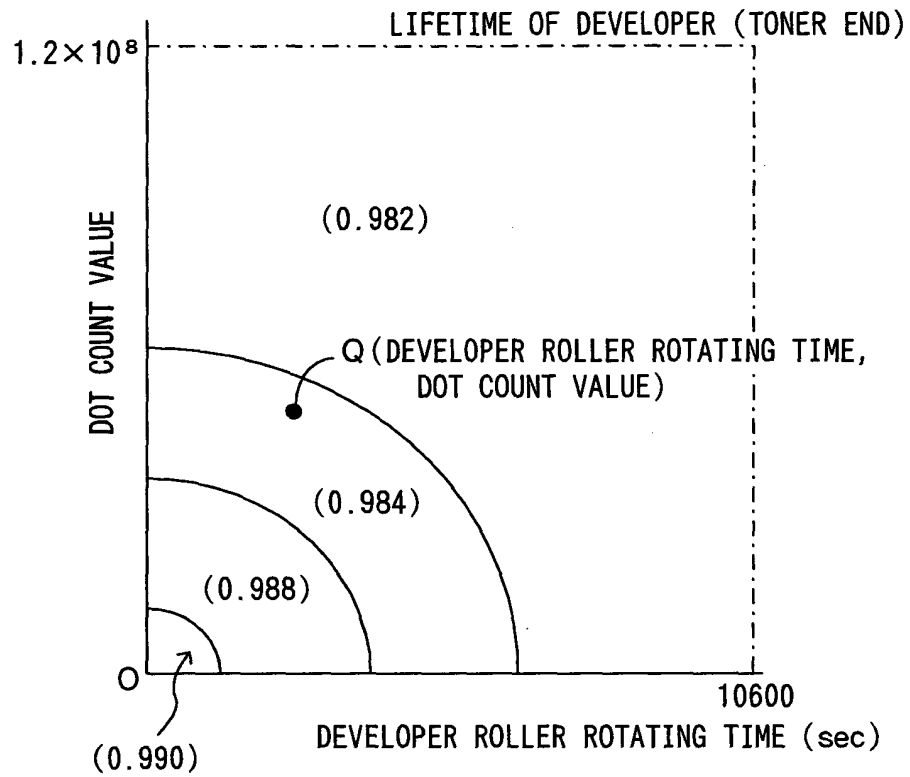


FIG. 36A: HIGH-DENSITY PATCH IMAGE/BLACK TONER

TONER INDIVIDUALITY INFORMATION ="O"		DEVELOPER ROLLER ROTATING TIME(sec)					
		~600	~1325	~3975	~6625	~9275	~10600
D O T  C O U N T  V A L U E	~500000	0.988	0.988	0.986	0.986	0.984	0.982
	~1000000	0.988	0.988	0.986	0.986	0.984	0.982
	~2000000	0.986	0.986	0.986	0.986	0.984	0.982
	~4000000	0.986	0.986	0.986	0.986	0.984	0.982
	~6666666	0.984	0.984	0.984	0.984	0.984	0.982
	~12000000	0.982	0.982	0.982	0.982	0.982	0.982

FIG. 36B: HIGH-DENSITY PATCH IMAGE/MAGENTA TONER

TONER INDIVIDUALITY INFORMATION ="O"		DEVELOPER ROLLER ROTATING TIME(sec)					
		~600	~1325	~3975	~6625	~9275	~10600
D O T  C O U N T  V A L U E	~500000	0.977	0.974	0.970	0.968	0.965	0.961
	~1000000	0.974	0.974	0.970	0.968	0.965	0.961
	~2000000	0.970	0.970	0.970	0.968	0.965	0.961
	~4000000	0.968	0.968	0.968	0.968	0.965	0.961
	~6666666	0.965	0.965	0.965	0.965	0.965	0.961
	~12000000	0.961	0.961	0.961	0.961	0.961	0.961

FIG. 37 A: HOME POSITION

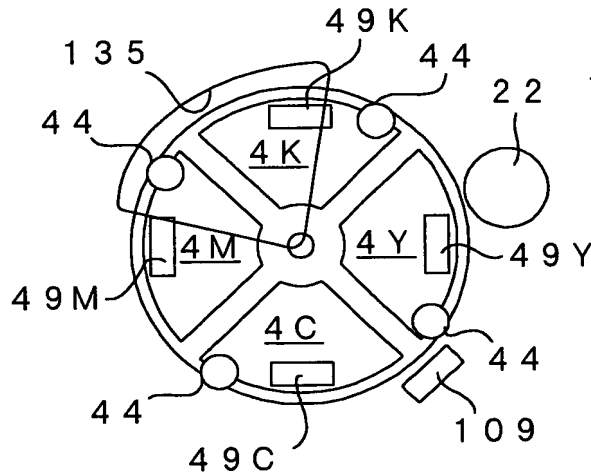


FIG. 37 B: DEVELOPING POSITION

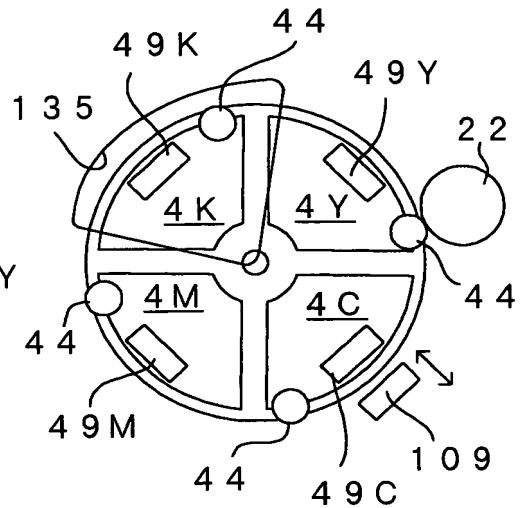


FIG. 37 C: ATTACHING/DETACHING POSITION

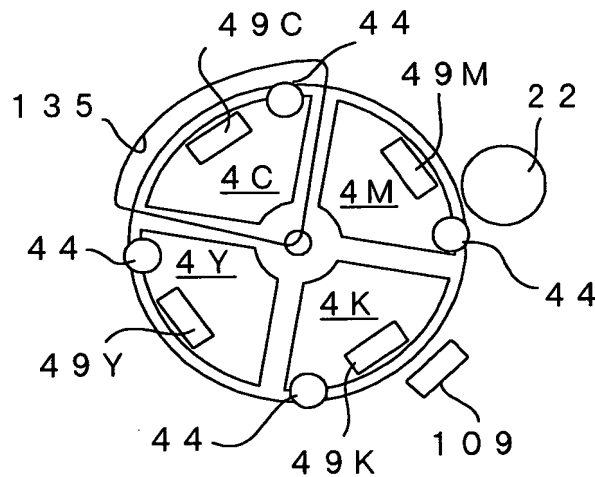


FIG. 38

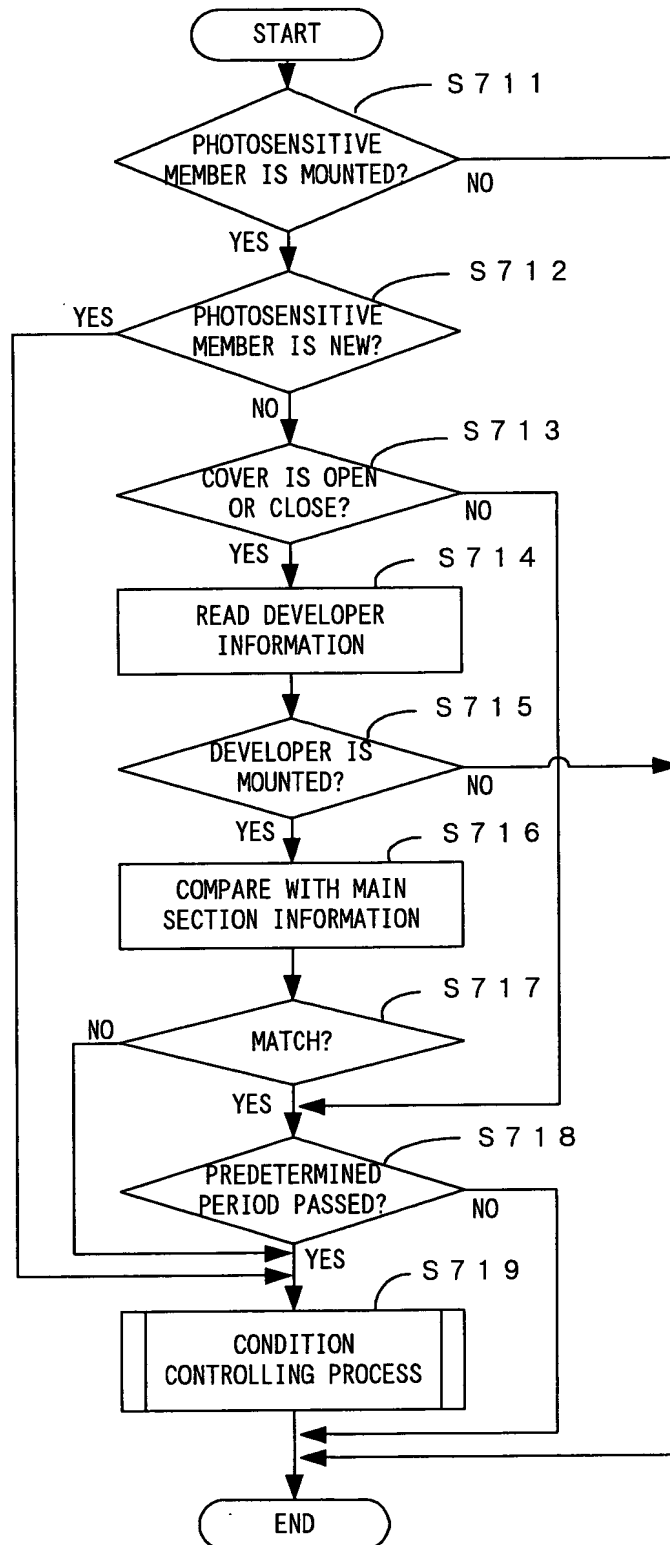


FIG. 39

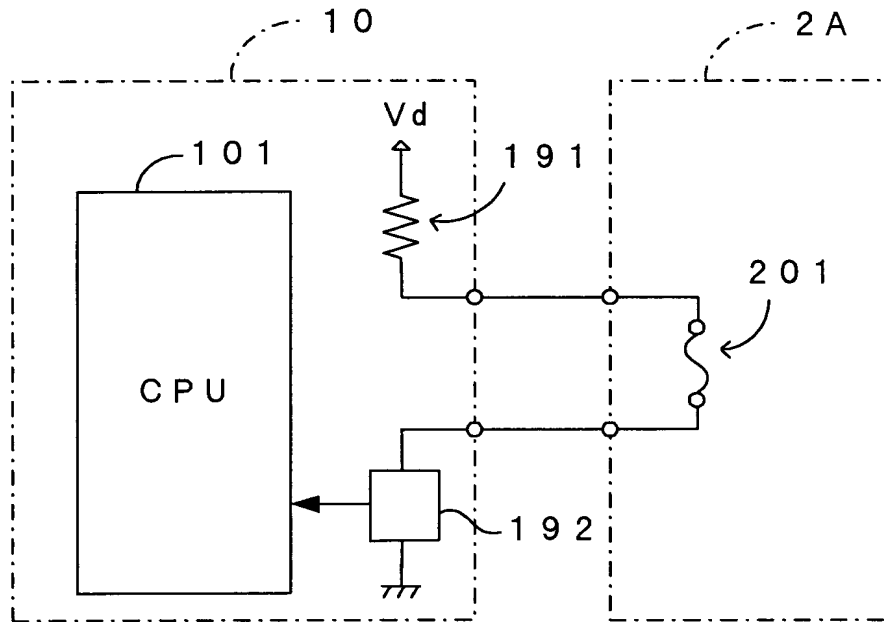


FIG. 40

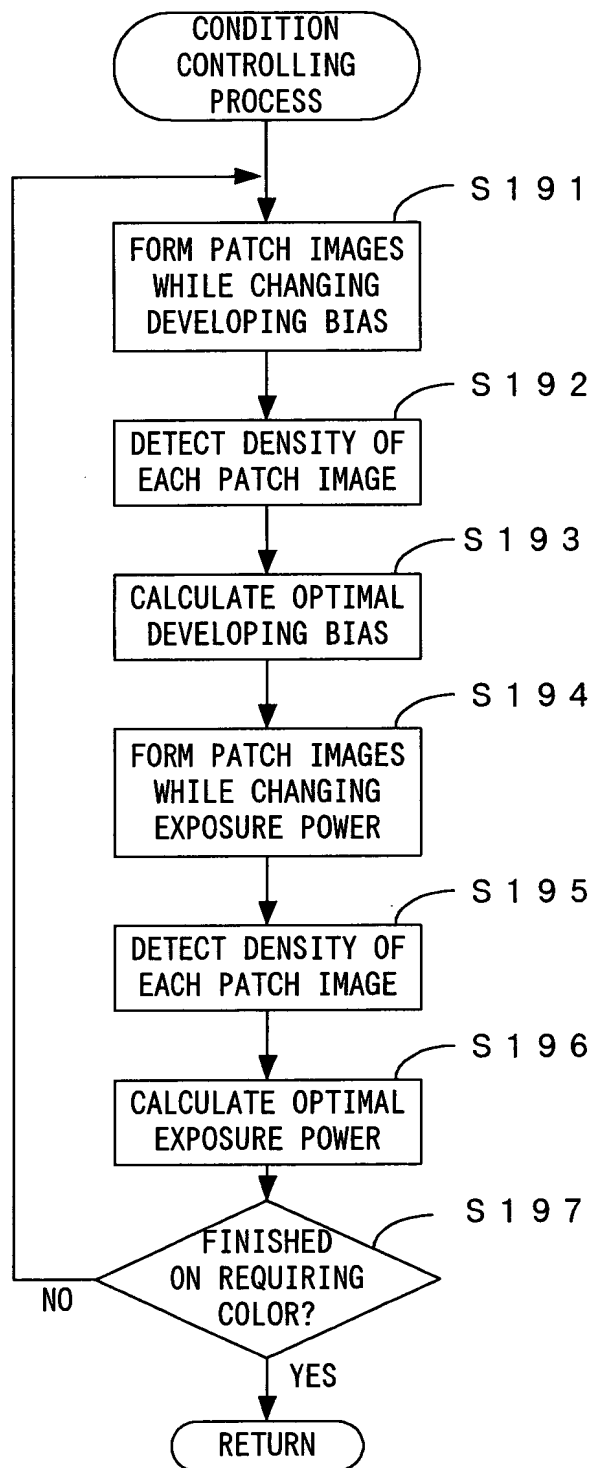




FIG. 41

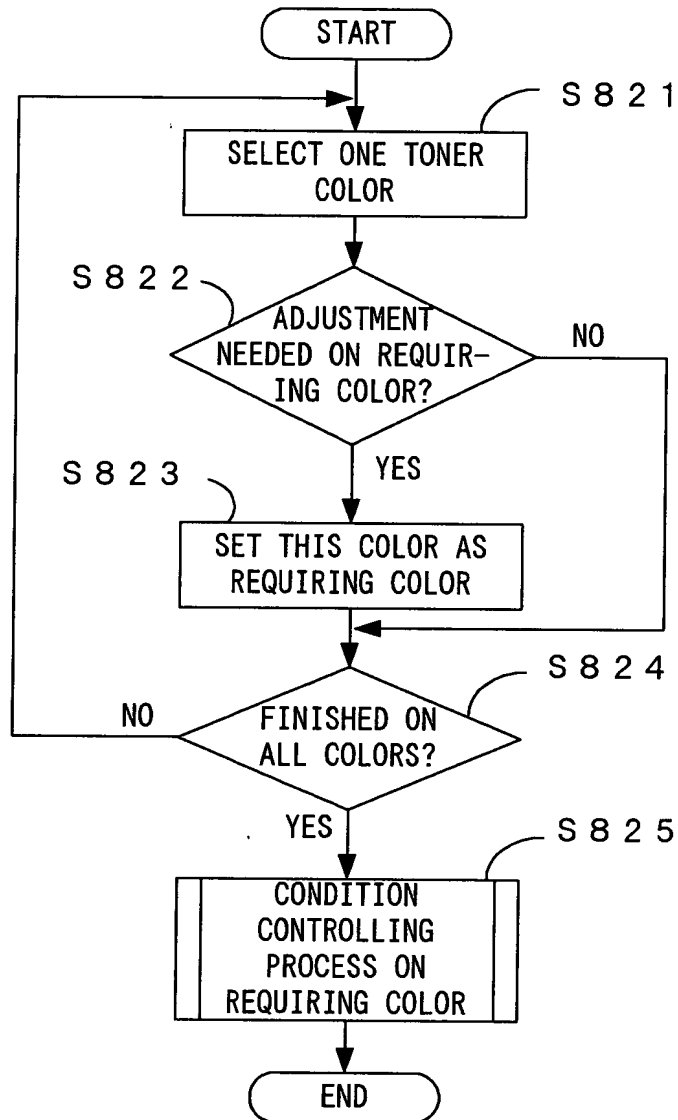


FIG. 42

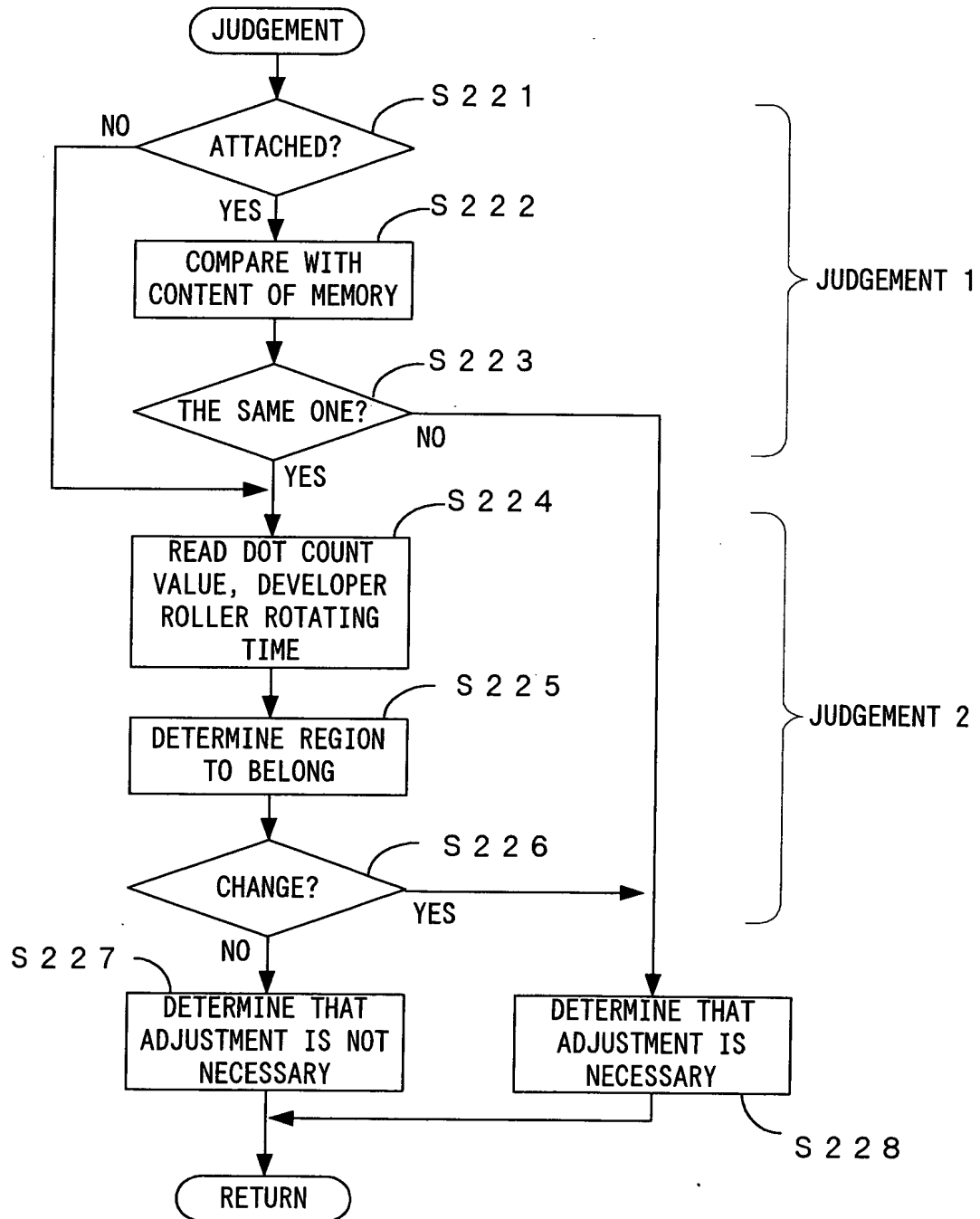


FIG. 43

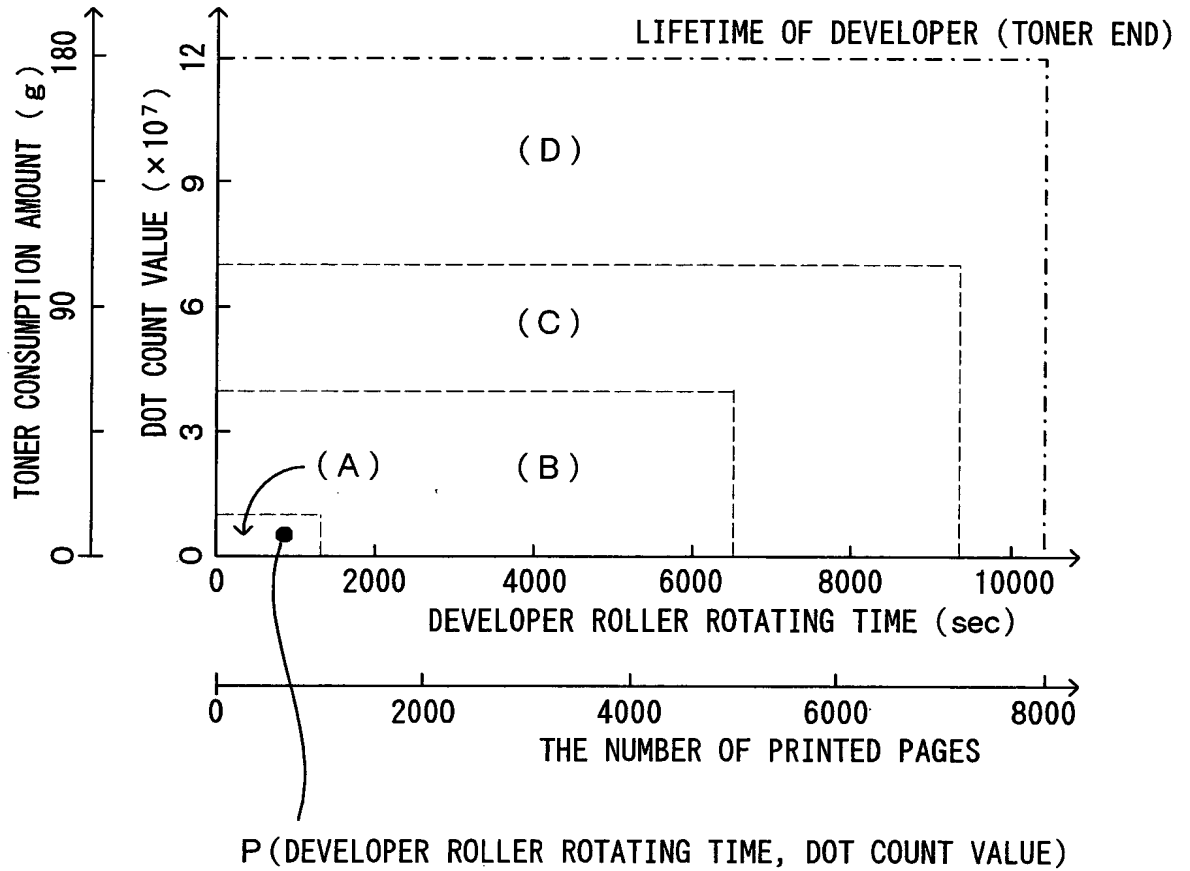


FIG. 44

